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ac	alternating current	hp-h	horsepower-hour(s)
AH	air-hardened	iswg	Imperial standard wire gauge
approx.	approximately	kX	crystal Ångstrom(s)—1000 Siegbahn X-units
ASTM	grain size number (American Society for Testing and Materials)	lf	low-frequency
at-%	atomic percent	μm	micrometre
awg	American wire gauge	OH	open-hearth; oil-hardened
bcc	body-centred cubic	OQ	oil-quenched
°Bé	Baumé (degree)	ppm	parts per million
B & S	Brown and Sharpe (gauge)	RT	room temperature
BoT	Board of Trade	s	second(s)
bwg	Birmingham wire gauge	swg	standard wire gauge
cgs	Celsius-gramme-second unit(s)	T	tempered
cm^3	cubic centimetre(s)	°Tw	degree(s) Twaddell
d	day	wg	water-gauge
DPN	Vickers diamond pyramid hardness number	WQ	water-quenched
FC	furnace-cooled	wt-%	weight percent

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FC	furnace-cooled	wt-%	weight percent

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J. S. CURPHEY, M.B.E., F.I.M.

JOHN STANLEY CURPHEY was educated at Middlesbrough Technical School and at Constantine Technical College where he later became part-time lecturer in the metallurgy of iron and steel.

In 1923 he joined the laboratory staff at the Acklam works of Dorman Long where he was chemist, metallurgist, and fuel technologist, before being made assistant steelplant manager.

He later held similar positions at both the Cleveland and Redcar works before his appointment as steelplant manager at Redcar. He was steelplant manager at the Lackenby works when the plant started operations in 1953, and was later appointed works manager (steel). In 1956 he was made superintendent of all steelplants of Dorman Long.

From 1958 to 1961 Mr Curphey was chairman of the Steelmaking Divisional Panel of the British Iron and Steel Research Association, and since its inception in 1960 he has been chairman of the Group on Oxygen Usage in Open Hearth Furnaces. He was created M.B.E. in 1956. A Fellow of The Institution of Metallurgists, Mr Curphey was President of the North East Metallurgical Society in 1961.

He has been a member of The Iron and Steel Institute since 1945, and this year, as President of the Cleveland Institution of Engineers, he serves as an Honorary Member of Council.